

The Solar Home System (SHS) kit for this project:

The Rwandan and German project teams have chosen the product Sun King Home 120 as the most suitable product for this SHS-project in Rwanda. The product includes a Lithium Ferro-Phosphate (LFP) battery, 4 LED-lamps, a USB port for charging mobile phones, a digital radio, connection cables and a 12W Solar Panel.

Payment procedures:

The selected SHS users are required to sign a special contract and will make a down payment amounting to 20% of the micro-credit (21,200 RWF, whereby 16,000RWF is a guarantee fund and 5,200RWF is a payment for the first month) and 23 monthly payments of 5,200 RWF to cover costs and to repay the loan.

Sponsor and Project partners:

This project is sponsored by:
The United Evangelical Mission (UEM)
Rudolfstrasse 137, D-42285 Wuppertal, Germany
Website: www.vemission.org



Project partners responsible for developing the business model are:
Büro Ö-quadrat (Ö2) and
One-for-the-Climate (OFTC)



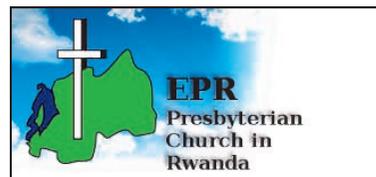
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Project webpage:

<http://rdis.org.rw/solar-home-systems>

You can also find us on social networks:

 [Facebook.com/RDISforRwanda](https://www.facebook.com/RDISforRwanda) ('Like us' and stay up-to-date)
 [Twitter.com/RDISforRwanda](https://twitter.com/RDISforRwanda) (Get the latest updates)



Project for Supplying 'Solar Home Systems' in Rwanda



A joint project of
The Presbyterian Church in Rwanda (EPR)
&
The Anglican Church of Rwanda (EAR)
via the Rural Development Inter-diocesan Service (RDIS)

About Implementers:

The Rural Development Interdiocesan Service (RDIS)

with registration No. 13/RGB/NGO/2015 is a non-governmental organization (NGO) for promoting sustainable and holistic development in four dioceses of the [Anglican Church of Rwanda](#): Butare, Cyangugu, Kigeme and Shyogwe. It is doing this by mobilizing the local church members to be involved in developing their local community, and so lifting themselves out of poverty.

RDIS activities are concentrated in Southern province and part of Western province of Rwanda where the four dioceses are located.

The head office of the Organization is located in Muhanga District, Southern Province.

The Presbyterian Church in Rwanda (EPR)

The gospel was first preached in Rwanda at the beginning of the 20th century by Catholic missionaries.

They were followed in 1907 by Protestants from the German Bethel Mission who came together with Tanzanians to start what became the Presbyterian Church in Rwanda. The Church became independent in 1959 and changed its name to the [Presbyterian Church in Rwanda](#).

As the credibility of the Church's message depends on its response to misery, poverty, hunger, illness and ignorance, the EPR tries to maintain a balance between the teaching of the biblical message and social engagement through its hospitals, schools and development projects.



A beneficiary family of Mr Laurent Murindabigwi in Kivumu cell, Muhanga district receiving a SHS kit.

Project background:

Over 7 million people still have no electricity: Based on Government data (Energy Group Report Aug/2017), Rwanda's national electrification rate has reached 41% (11% off-grid, 30% on-grid), whereby 9% are in rural areas and 72% are in urban areas. Over seven million people still lack access to electricity. Among the issues is limited financing for off-grid companies. Power Generation mix is currently diversified as follow: hydro power 48%, thermal 32%, solar PV 5.7% , methane-to-power 14.3%.

This lack of electricity contributes negatively to the development of the country in general and households in particular. The populations who live far from the existing grid lines are often confronted with problems like: Lack access for using communication tools such as computers and mobile phones / Children at school age are hindered to do their homework / Many households that are still using firewood for lighting their houses are contributing to the destruction of environment / Many people are still using oil lamps (kerosene), which have health consequences.

About the project:

Project description:

The Anglican Church of Rwanda (EAR), dioceses of Butare, Cyangugu, Kigeme and Shyogwe via the Rural Development Inter-diocesan Service (RDIS) in collaboration Presbyterian Church of Rwanda (EPR) are jointly implementing a pilot phase of a **Project for Supplying 'Solar Home Systems (SHS)' in off-grid areas** in their respective Church areas.

The two UEM member Churches are in essence **implementing an environmental protection project by investing in renewable energy sources** (Solar energy) in cooperation with Büro Ö-quadrat (Ö2) and One-for-the-Climate (OFTC), **whereby the invested capital will have to be paid back.**

Project objectives:

1. To develop a viable business model for self-sustaining and sustainable implementation of 'Solar-Home-Systems' project not by grants but by investment through loans and payback.
2. To test the concept in a pilot phase and to get experience for a scaling-up phase.
3. To promote environmental protection by introducing use of renewable energy (RE) technology in remote areas to reduce consumption of fossil fuels as well as to reduce accompanied eye and respiratory diseases.
4. To improve the livelihood of poorer people in remote off-grid areas by giving them the possibility of working at night or to be productive even at night and by giving them access to information and communication (radio, TV, mobile phone charging).